

METHOD FOR PREPARING AQUEOUS DISPERSION OF RARE EARTH FLUORESCENT COMPLEX AND METHOD FOR PREPARING AQUEOUS RECORDING FLUID

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Abstract of JP2004027155

PROBLEM TO BE SOLVED: To provide an aqueous dispersion which uses a rare earth fluorescent complex, maintains a specified range of the volume average particle diameter, and excels in dispersibility, and a method for preparing the dispersion which reduces the amount of a medium included, and simultaneously reduces the frequency of replacement of the medium as such.

SOLUTION: The method for preparing the aqueous dispersion comprises dispersing a rare earth fluorescent complex and an anionic group-containing organic polymer compound into an aqueous medium containing an organic solvent, and removing the solvent from the aqueous dispersion, where the solvent removal step and/or the dispersion step in the above preparing method is conducted at a temperature of 30-50 deg.C.

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